Available attachments provide strength and versatility

**Conventional open threat boom**
- 40' - 250' (12.19' - 76.20') conventional tube boom
- 40' - 180' (12.19' - 55.81') single boom
- Using pre-connected sections and open threat tip collars, the LS-218H II provides the largest boom lengths in its class.
- Main chord members are made with 108,000 psi yield materials with high strength levels.
- Boom suspension is as follows: through 19-part boom holds moving with dual pendant ropes.
- Standard equipment includes drain plug and protective tube sectioning plastic wire rope stuffing.

**Auxiliary 5 (1.5 ton)** tip extension
- Optional — used to provide additional between two working load lines.

**Boom and jib — open threat**
- 110' - 300' (33.52' - 91.44') tube boom + load jib
- 110' - 32' (33.52' - 9.79') angle boom + load jib
- Job is common to other Link-Belt models.

**Lifting boom attachment**
- 14' - 140' (0.42' - 42.67') lifting boom + lifting jib
- Conventional boom on LS-218H II has series as lifting boom.
- Lifting attachment for the LS-218H II is the least design with lifting jib running horizontally off the lifting boom to keep moving chain low within operator's view — easy to assemble.
- Two section assembly to lift transport an entire piece and makes for fast, easy assembly to the lifting jib.
- This attachment flexibility and simplicity makes the LS-218H II — series one or with lifting attachment — the final crane of choice to go out of the yard and to the job.

All boom sections are manufactured in Lexington, Kentucky by Bell, easy service, parts and replacement.

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**LS-218H II**

**HYLAB Series**

**Lattice Boom Crawler Crane**

110-ton (99.79 mt)*

- 110-ton (99.79 mt) at 11' (3.35 m) radius with tube boom
- 100-ton (90.72 mt) at 12' (3.66 m) radius with angle boom
- 230' (70.10 m) maximum conventional tube boom or 150' (45.72 m) of conventional angle boom
- 285' (86.77 m) maximum tube attachment
- 369' (111.99 m) maximum tip height (tube boom)
- Transport weight is less than 60,000 lbs (36,287 kg) with boom base, live mast and hold down ropes
- Lightweight modules allow maximum boom + jib to transport on five loads
- 263 hp (196 kW) Mitsubishi engine
- 55,844 lbs (2531 kg) maximum winch line pull
- 289 rpm (981 rpm) maximum winch speed
- Counterweight removal system with remote control for fast, simple self-assembly
- Sealed lower

*Tube boom Angle beam capacity is 100 ton (90 m)
LS-218H II
HYLAB Series

Lattice Boom Crawler Crane
110-ton (99.79 ml)

- Pin-point control
- Bullet-proof reliability
- Big capacities
- Super versatility
- Easy, fast transport

Since its launch more than a decade ago, Link-Belt’s Hydraulic Lattice Boom (HYLAB) crane series is the most successful crane product line in the U.S. Link-Belt crawler cranes are the market leaders because of proven, customer-driven design features. Joining the HYLAB tradition of excellence is the LS-218H II, which features the innovative Quick Drive™ system, greater lift capacities, work application flexibility and a counterweight removal system which takes transportability and ease of operation to a new level.

Load hoist drums contain a pilot-controlled bi-directional axial piston motor and a planetary gear reduction unit to provide positive control under all load conditions.

The boom top section features standard pin-on points for adding optional attachments such as a Jib, pin extensions and adapters for universal pile driving.

The boom has an optional 40°-150° (12.18 - 45.72 m) angle boom, the most rugged and robust angle boom available. It is a top notch performer in rigging, coupled with the roll axis and other severe duty cycle applications. Outfitting the angle boom with the optional live mast makes it easy to disassemble.

Heads include standard lift crane sheaves with optional wide mouth sheaves available for duty cycle.

The boom top section features standard pin-on points for an optional 6° (1.75 m) extension in place of jib for providing clearance between working hoist lines.

To allow for pile driving, the LS-218H II is equipped with standard pile driving load bearing points on the boom top section as well as an optional pile driving load adapter.

Optional third hoist drum is pinned to the front of the boom frame and has free-floating capability for pile-driving applications.

Load hoist drums contain a pilot-controlled bi-directional axial piston motor and a planetary gear reduction unit to provide positive control under all load conditions.

Large, swing-out doors provide outstanding access to the engine and hydraulic components for easy maintenance.

Non-slip safety strips and grouted casters provide turn-based access to the crane upper.

Exclusive Quick Drive™ is an optional feature consisting of hydraulic cylinders in the boom base section that handle side frames, counterweights or boom extension for quick and easy disassembly.

Self-cleaning 36° (91 cm) track shoes form an extra wide grip of 14° (442 m).

Sealed (self-feeding) track rollers, roller and drive planetary and compact hydraulic drive and up to outstanding reliability and maintenance-free operation.

The lower structure is made up of an oil-welded, high strength, alloy steel carbody and precision machined track members.

Maximum height of compact when reeling oil pinnons is an impressive 42° (1.87 m).
Bulletproof hydraulics and a strong power plant

The HLLAB Series state-of-the-art variable displacement hydraulic power system has earned a job-proven reputation of bullet-proof reliability. Ask any owner. The hoist drums and boom hoist drum are hydraulically-powered and fully independent. The hoist drums feature power up/down, mechanical drum pulleys, grooved rope guide and electronic drum rotation indicators.

Optional third drum, front-mounted, is available with controlled free-swinging option, for pile-driving requirements.

A state-of-the-art hydraulic system with counterbalance valves provides positive, smooth and precise load control.

The LS-218H II has a “Fine inching” control mode for super precise control of load lowering, hoisting, boom hoist and travel.

This hydraulic hoist system features free-travel automatic control operation or automatic brake mode (power up/down) for fast, efficient and safe operation.

The hydraulically-powered free swing provides smooth rotation, 360° fingertip applied swing brake, two position house lock, two speed swing and an audio-visual swing alarm.

Powered by the biggest and most quiet engine in its class, the Mitsubishi engine is fuel efficient and has proven to be very reliable. It has a high cooling capacity and provides high line speeds at higher line pulls.

Comfort and control at your fingertips

The HLLAB crane operations control center is ergonomically designed for maximum operating comfort and control with these standard features:

- Armchair mounted, pilot-operated hydraulic controls (swing, load and boom hoist) are designed to provide outstanding operator comfort.
- Eyes-forward instrument panel with backlit automotive-style gauges.
- Ergonomically designed cockpit-style operator’s cab provides exceptional visibility.

Operator’s cab console features include:

- Free-travel indicator
- Load indicator
- Anti-overspeed override switch
- Boom hoist override switch
- Limit alarm indicator light
- System override switch and indicator light
- Front, rear and third drum lock switch

Other in-cab features, controls and monitors include:

- Drum rotation indicators
- Service monitoring system
- 6-way adjustable seat
- Tilted and tempered safety glass
- Siding entry door, front window and side window
- Swing up roof window with wiper
- Door and window locks
- Heater and defroster with circulating fan
- Sun visor and dome light
- Dry chemical fire extinguisher
- Hand held throttle
- Bubble-type level

Optimal transportability

5 loads & GO!
The LS-218H II easily transports full boom and jib on five loads. With its lightweight modular components, no other crane is faster, easier or more efficient to transport.

Fast assembly & disassembly

Link-Belt’s optional Quick Draw™ feature dramatically simplifies self-assembly, disassembly and load-out. Hydraulic cylinders in the boom base section pick up and handle the boom sections, counterweights and head members.

The exclusive, all-hydraulic counterweight removal system easily handles both counterweights (25,350 lbs [11,490 kg] each).

On the new LS-218H II, you can remove both counterweights, both side frames and catwalks, pin the live mast and gorpy, and be ready to load out. Reverse the process and be ready to stash boom in 45 minutes.

The LS-218H II is big, fast and strong with greater reach and capacities

The best lattice boom crawler crane in its class is even better. It can outpick the competition virtually everywhere on the chart. The LS-218H II also has blocked-over-end capacities, challenging higher rated capacity cranes.

The LS-218H II meets OSHA requirements for anti-two block and automatic brake systems on cranes used to handle personnel. Outreaching the nearest competitor, the LS-218H II boasts a maximum tip height of 20’ (6.10 m) with the boom and jib used in combination.